

PYRAMID[®]

Gold Series

Short-Instruction-Manual

Power Supply

Model : PS32LAB

Power Switch	unit works, when red LED indication light is on
Ampere Regulator	turn right for higher Amperes
Voltage Regulator	turn right for higher Voltages
Safety inline jacks	black = negative (-) Potential red = positive (+) Potential grn = ground
Caution	before using, please take care that the voltage and polarity is correct - wrong polarity can damage the unit and the connected instruments
Fuse	replace defective fuse only by an equivalent type

Specifications

Protection grade

Input 110V AC 60 Hz

Output 0-30 V DC, 5 A
adjustable

Fine adjustment 4-V

Ripple Voltage 5mVss

Load-regulation 1% 20-30V
1/5% 10-20V
2% 0-10V

Voltage-regulation 1% max, input 105-120V AC
output at rated load

Fuse 6.5 x 32 mm / 3A

**Short-circuit stability
current limiter** approx, 60 minutes
adjustable

Dimensions (HWD) 12 x 23 x 31 Cm

Weight 6.6 kg

Safety precautions

To ensure safe operation of the equipment and eliminate the danger of serious injury due to short-circuits (arcing) the following safety precautions must be observed.

Damages resulting from failure to observe these safety precautions are exempt from any legal claims whatever.

- prior to connection of the equipment to the mains outlet, check that the available mains voltage corresponds to the voltage setting of the equipment
- connect the mains plug of the equipment only to a mains outlet with earth connection
- do not place the equipment on damp or wet surfaces
- do not subject the equipment to direct sunlight or extreme temperatures
- do not subject the equipment to extreme humidity or dampness
- replace a defective fuse only with a fuse of the original rating. Never short-circuit fuse or fuse housing
- do not exceed the maximum permissible input ratings
- conduct measuring works only in dry clothing and in rubber shoes i.e. on isolating mats
- comply with the warning labels and other info on the equipment
- check test leads and probes for faulty insulation or bare wires before connection to the equipment
- disconnect test leads or probe from the measuring circuit before switching modes or functions

- do not cover the ventilation slots of the cabinet to ensure that the air is able to circulate freely inside
- do not insert metal objects into the equipment by way of the ventilation slots
- do not place water-filled containers on the equipment (danger of short-circuit in case of knockover of the container)
- do not operate the equipment near strong magnetic fields (motors, transformer etc.)
- do not subject the equipment to shocks or strong vibrations
- keep hot soldering irons or guns away from the equipment
- allow the equipment to stabilize at room temperature before taking up measurement (important for exact measurements)
- do not modify the equipment in any way
- do not place the equipment face-down on any table or work bench to prevent damaging the controls at the front
- opening the equipment and service-and repair work must be performed by equalified service personel. Repair work should only be performed in the presence of a second person trained to administer first aid, if needed

Cleaning the cabinet

Prior to cleaning the cabinet, withdraw the mains plug from the power outlet. Clean only with a damp, soft cloth and a commercially available mild household cleanser. Ensure that no water gets inside the equipment to prevent possible shorts and damage to the equipment.